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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Attorney Docket Number</b>	<b>33539/LTR/B600</b>
	<b>Application Number</b>	<b>09/430,821</b>
	<b>Filing Date</b>	<b>October 29, 1999</b>
	<b>Applicant(s)</b>	<b>Thomas J. Quigley, et al.</b>
	<b>Group Art Unit</b>	<b>2743</b>
	<b>Examiner Name</b>	<b>Not Assigned</b>

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>gm</i>	5,631,846	05/1997	Szurkowski	364	514	

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09/780179  
02/09/01

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS	
EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER SIGNATURE		DATE CONSIDERED	<i>5/1/04</i>
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Examiner Name

Not Yet Assigned

## **U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QJ	4,928,272	05/1990	Ohue	370	50	
QJ	5,710,765	01/1998	Lee et al.	370	436	

## **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
QJ	0 748 120 A1	12/1996	European Patent Office				
	0 768 769 A2	04/1997	European Patent Office				
	10-243371	09/1998	Japan Patent Office			Abstract Only	
	2 312 362 A	10/1997	United Kingdom				
	WO 97/10553	03/1997	WIPO International				
	WO 97/15129	04/1997	WIPO International				

## **OTHER DOCUMENTS**

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	Thomas J. Kolze, "Upstream HFC Channel Modeling and Physical Layer Design", General Instruments Corporation, SPIE Vol. 2917, 11/1996, pp. 240-251
	James E. Dail, et al., "Adaptive Digital Access Protocol: A MAC Protocol for Multiservice Broadband Access Networks", AT&T Bell Laboratories, 2460 IEEE Communications Magazine 34, 03/1996, pp. 104-112
	Robert Wolters, et al. "An Initialisation for a Burst-mode Transport HFC System with Delay Determination by Power Distribution Measurement", Alcatel Telecom Research Division, SPIE Vol. 3233, 11/1997, pp. 353-360

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Examiner Name	not known

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
gwm	5,640,424	06/1997	Banavong et al.	375	316	
gwm	5,696,765	12/1997	Safadi	370	436	
gwm	5,881,363	03/1999	Ghosh et al.	455	5.1	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
gwm	WO 97/16046	05/1997	WIPO				
gwm	WO 97/41691	11/1997	WIPO				
gwm	0 353 779	02/1990	European Patent Office				

## OTHER DOCUMENTS

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gwm	Copy of International Search Report dated July 28, 2000 relating to corresponding International Application No. PCT/US99/25675, 6 pp.

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EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QNM	4,383,272	05/1983	Netravali et al.	358	136	
	4,520,490	05/1985	Wei	375	27	
	4,617,676	10/1986	Jayant et al.	375	27	
	4,941,154	07/1990	Wei	375	39	
	4,958,226	09/1990	Haskell et al.	358	136	
	5,115,453	05/1992	Calderbank et al.	375	39	
	5,227,878	07/1993	Puri et al.	358	136	
	5,339,384	08/1994	Chen	395	2.2	
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	5,488,633	01/1996	Laroia	375	262	
	5,579,513	11/1996	Strohmer	395	559	
	5,627,938	05/1997	Johnston	395	2.39	

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QNM	0548 318	06/1993	European Patent Office				

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EXAMINER SIGNATURE	<i>[Signature]</i>	DATE CONSIDERED	<i>1/10/00</i>
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